

FIG. 1

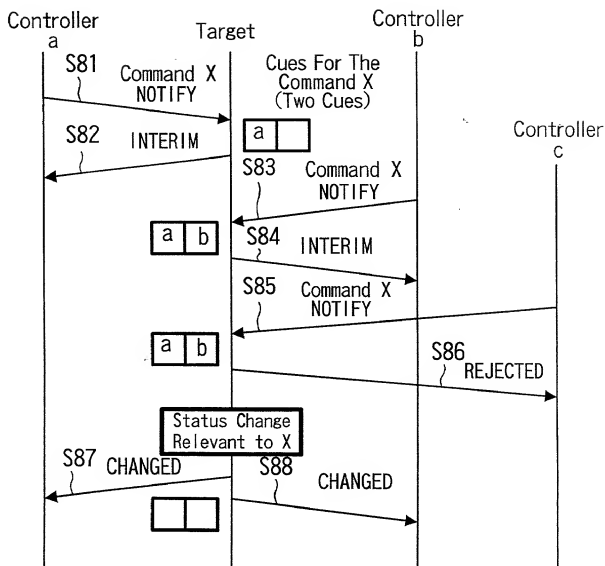


FIG. 2

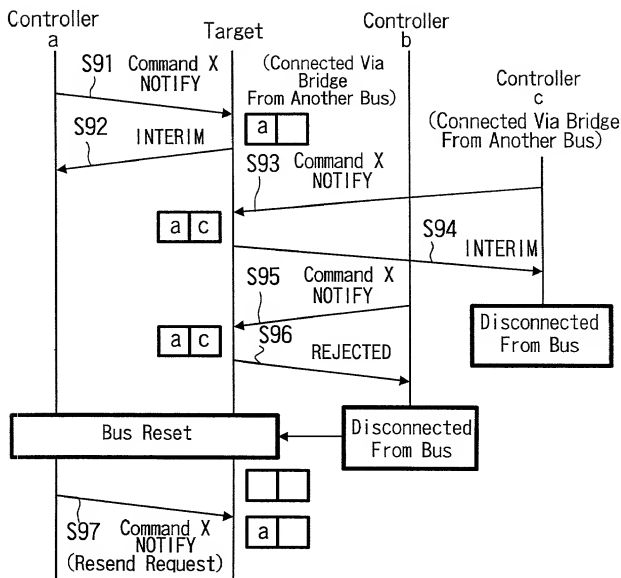
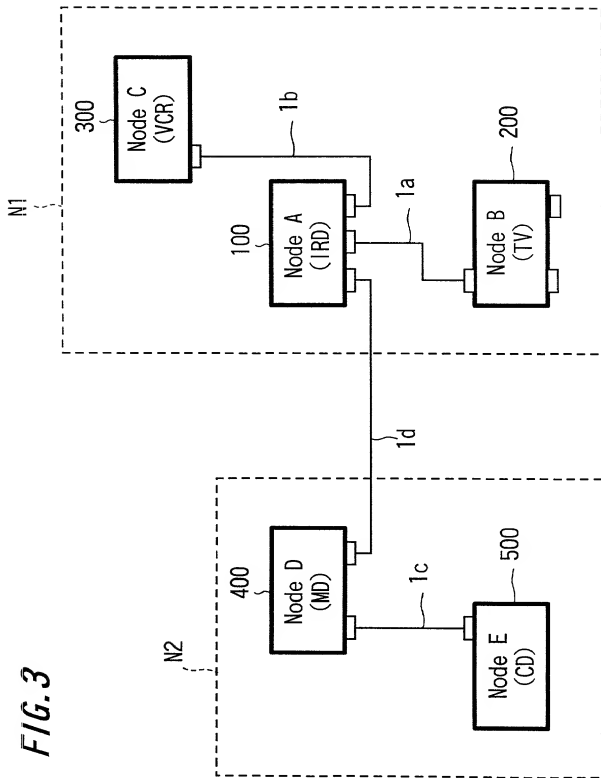


FIG. 3



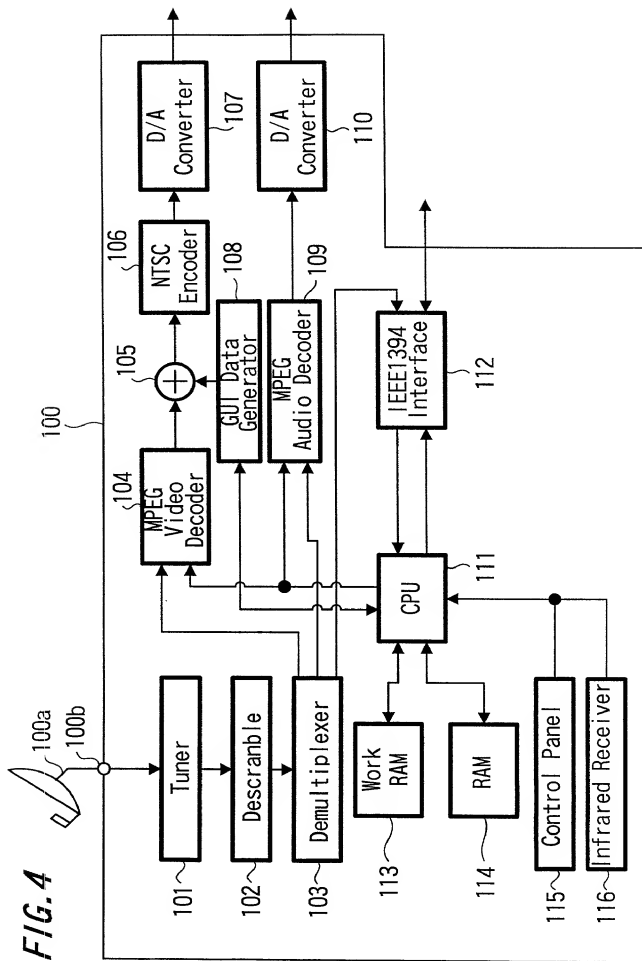


FIG. 5

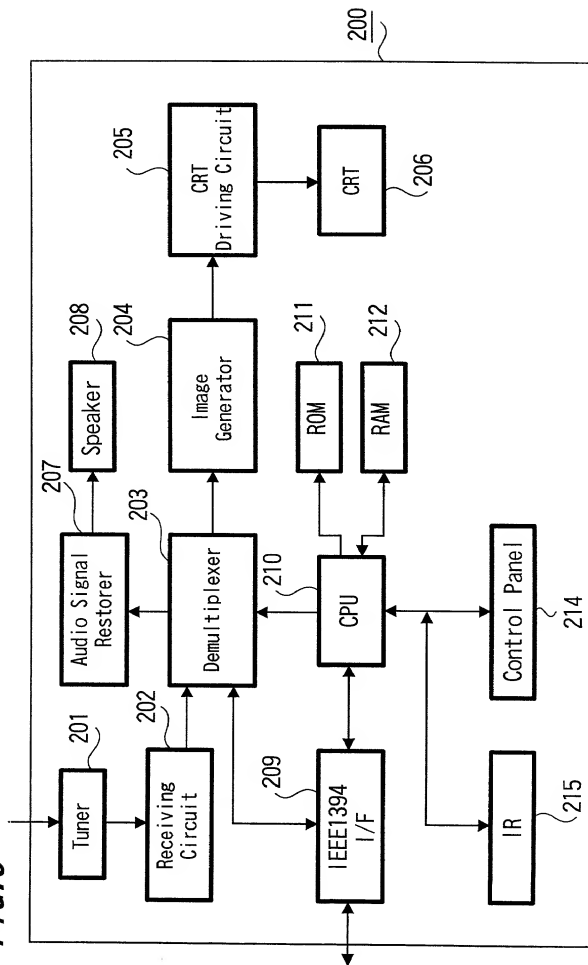


FIG. 6

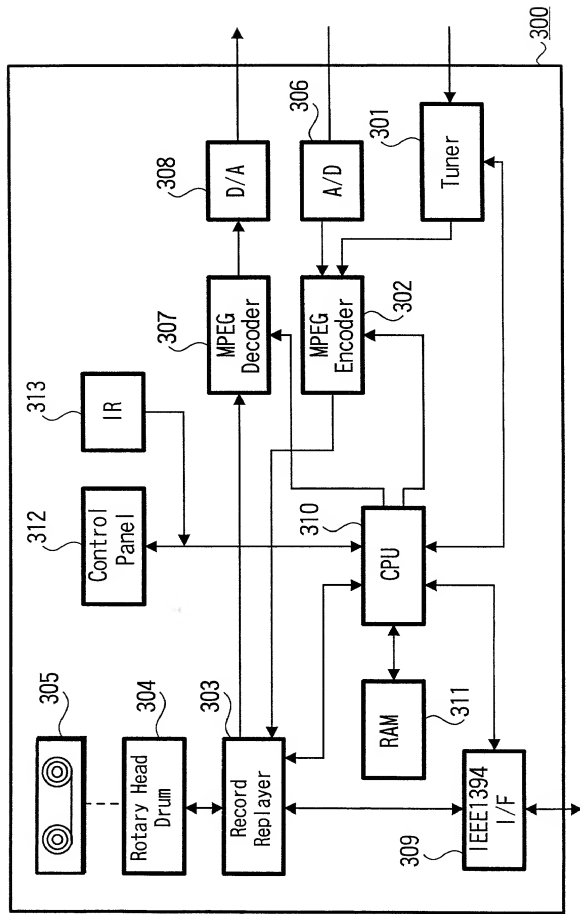


FIG. 7

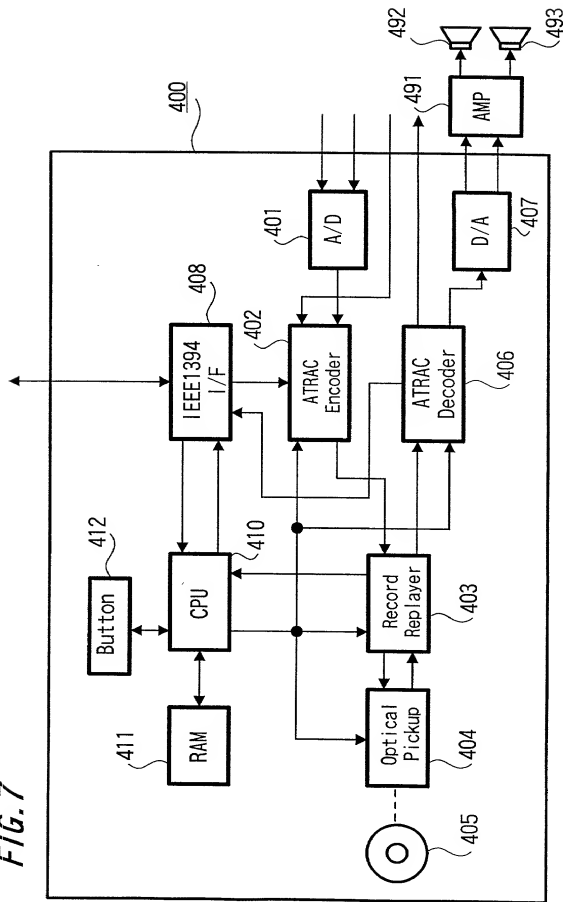


FIG. 8

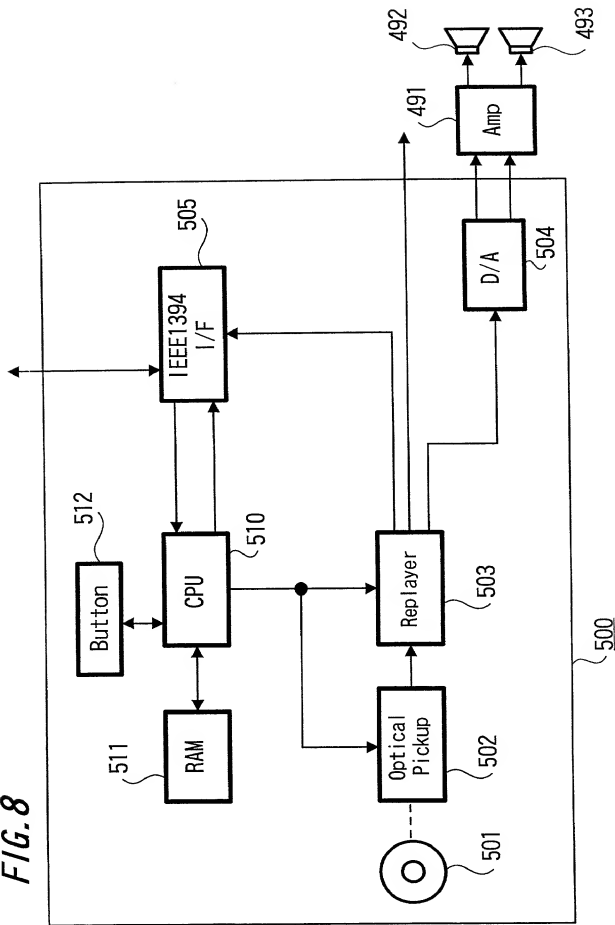


FIG. 9

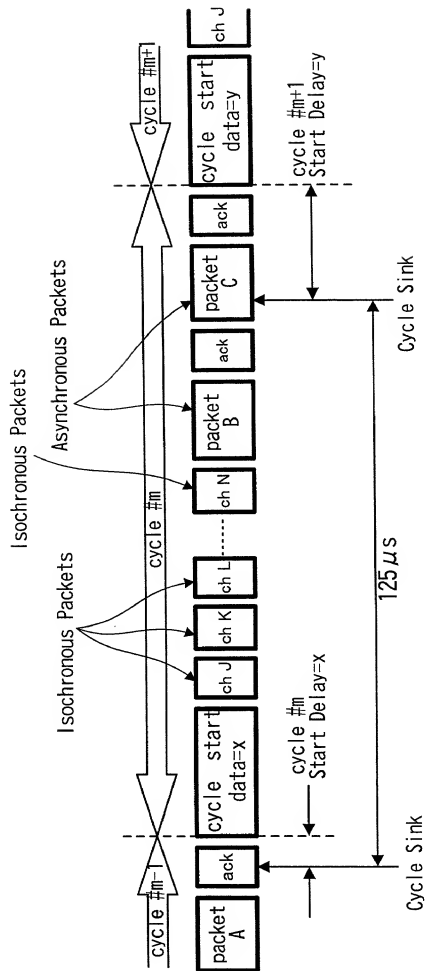


FIG. 10

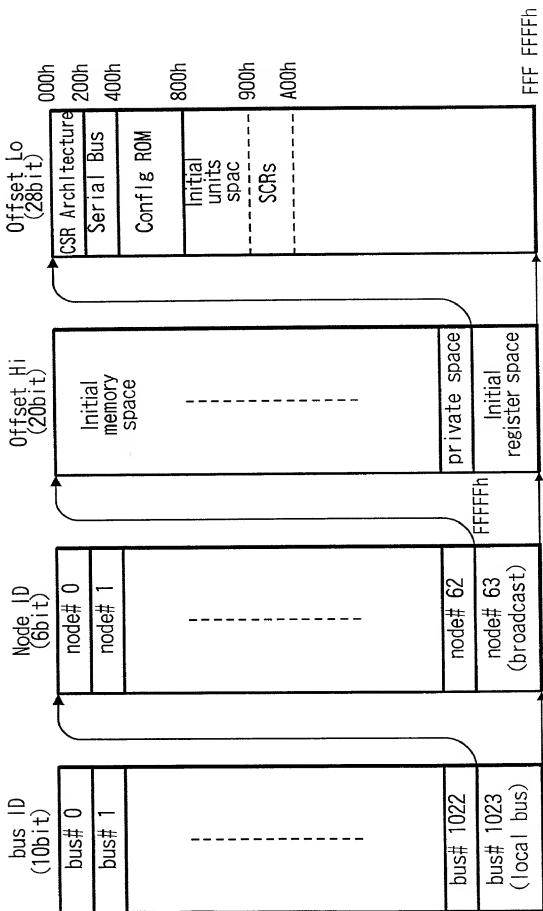


FIG. 11

Offset	Name	Function
000h	STATE_CLEAR	State and Control Information
004h	STATE_SET	Statesets STATE_CLEAR Bit.
008h	NODE_IDS	Represents 16 Bit Node ID.
00Ch	RESET_START	Commences Command Reset.
018-01Ch	SPLIT_TIMEOUT	Sets Split Max. Time.
200h	CYCLE_TIME	Cycle Time
210h	BUSY_TIMEOUT	Limits Retry.
210h	BUS_MANAGER	Represents Bus Manager ID.
220h	BANDWIDTH_AVAILABLE	Shows Bandwidth Available For Isochronous Transmission.
224h-228h	CHANNELS_AVAILABLE	Shows Channel Availability Status

FIG. 12

Info_length	info_length	crc_length	rom_crc_value
↑ ↓	bus_info_block		
	root_directory		
	unit_directories		
	root & unit leaves		

FIG. 14

900h	Output Master Plug Register
904h	Output Plug Control Register #0
	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

☐ 1. ☐ 2. ☐ 3. ☐ 4. ☐ 5. ☐ 6. ☐ 7. ☐ 8. ☐ 9. ☐ 10. ☐ 11. ☐ 12. ☐ 13. ☐ 14. ☐ 15. ☐ 16. ☐ 17. ☐ 18. ☐ 19. ☐ 20. ☐ 21. ☐ 22. ☐ 23. ☐ 24. ☐ 25. ☐ 26. ☐ 27. ☐ 28. ☐ 29. ☐ 30. ☐ 31. ☐ 32. ☐ 33. ☐ 34. ☐ 35. ☐ 36. ☐ 37. ☐ 38. ☐ 39. ☐ 40. ☐ 41. ☐ 42. ☐ 43. ☐ 44. ☐ 45. ☐ 46. ☐ 47. ☐ 48. ☐ 49. ☐ 50. ☐ 51. ☐ 52. ☐ 53. ☐ 54. ☐ 55. ☐ 56. ☐ 57. ☐ 58. ☐ 59. ☐ 60. ☐ 61. ☐ 62. ☐ 63. ☐ 64. ☐ 65. ☐ 66. ☐ 67. ☐ 68. ☐ 69. ☐ 70. ☐ 71. ☐ 72. ☐ 73. ☐ 74. ☐ 75. ☐ 76. ☐ 77. ☐ 78. ☐ 79. ☐ 80. ☐ 81. ☐ 82. ☐ 83. ☐ 84. ☐ 85. ☐ 86. ☐ 87. ☐ 88. ☐ 89. ☐ 90. ☐ 91. ☐ 92. ☐ 93. ☐ 94. ☐ 95. ☐ 96. ☐ 97. ☐ 98. ☐ 99. ☐ 100. ☐ 101. ☐ 102. ☐ 103. ☐ 104. ☐ 105. ☐ 106. ☐ 107. ☐ 108. ☐ 109. ☐ 110. ☐ 111. ☐ 112. ☐ 113. ☐ 114. ☐ 115. ☐ 116. ☐ 117. ☐ 118. ☐ 119. ☐ 120. ☐ 121. ☐ 122. ☐ 123. ☐ 124. ☐ 125. ☐ 126. ☐ 127. ☐ 128. ☐ 129. ☐ 130. ☐ 131. ☐ 132. ☐ 133. ☐ 134. ☐ 135. ☐ 136. ☐ 137. ☐ 138. ☐ 139. ☐ 140. ☐ 141. ☐ 142. ☐ 143. ☐ 144. ☐ 145. ☐ 146. ☐ 147. ☐ 148. ☐ 149. ☐ 150. ☐ 151. ☐ 152. ☐ 153. ☐ 154. ☐ 155. ☐ 156. ☐ 157. ☐ 158. ☐ 159. ☐ 160. ☐ 161. ☐ 162. ☐ 163. ☐ 164. ☐ 165. ☐ 166. ☐ 167. ☐ 168. ☐ 169. ☐ 170. ☐ 171. ☐ 172. ☐ 173. ☐ 174. ☐ 175. ☐ 176. ☐ 177. ☐ 178. ☐ 179. ☐ 180. ☐ 181. ☐ 182. ☐ 183. ☐ 184. ☐ 185. ☐ 186. ☐ 187. ☐ 188. ☐ 189. ☐ 190. ☐ 191. ☐ 192. ☐ 193. ☐ 194. ☐ 195. ☐ 196. ☐ 197. ☐ 198. ☐ 199. ☐ 200. ☐ 201. ☐ 202. ☐ 203. ☐ 204. ☐ 205. ☐ 206. ☐ 207. ☐ 208. ☐ 209. ☐ 210. ☐ 211. ☐ 212. ☐ 213. ☐ 214. ☐ 215. ☐ 216. ☐ 217. ☐ 218. ☐ 219. ☐ 220. ☐ 221. ☐ 222. ☐ 223. ☐ 224. ☐ 225. ☐ 226. ☐ 227. ☐ 228. ☐ 229. ☐ 230. ☐ 231. ☐ 232. ☐ 233. ☐ 234. ☐ 235. ☐ 236. ☐ 237. ☐ 238. ☐ 239. ☐ 240. ☐ 241. ☐ 242. ☐ 243. ☐ 244. ☐ 245. ☐ 246. ☐ 247. ☐ 248. ☐ 249. ☐ 250. ☐ 251. ☐ 252. ☐ 253. ☐ 254. ☐ 255. ☐ 256. ☐ 257. ☐ 258. ☐ 259. ☐ 260. ☐ 261. ☐ 262. ☐ 263. ☐ 264. ☐ 265. ☐ 266. ☐ 267. ☐ 268. ☐ 269. ☐ 270. ☐ 271. ☐ 272. ☐ 273. ☐ 274. ☐ 275. ☐ 276. ☐ 277. ☐ 278. ☐ 279. ☐ 280. ☐ 281. ☐ 282. ☐ 283. ☐ 284. ☐ 285. ☐ 286. ☐ 287. ☐ 288. ☐ 289. ☐ 290. ☐ 291. ☐ 292. ☐ 293. ☐ 294. ☐ 295. ☐ 296. ☐ 297. ☐ 298. ☐ 299. ☐ 300. ☐ 301. ☐ 302. ☐ 303. ☐ 304. ☐ 305. ☐ 306. ☐ 307. ☐ 308. ☐ 309. ☐ 310. ☐ 311. ☐ 312. ☐ 313. ☐ 314. ☐ 315. ☐ 316. ☐ 317. ☐ 318. ☐ 319. ☐ 320. ☐ 321. ☐ 322. ☐ 323. ☐ 324. ☐ 325. ☐ 326. ☐ 327. ☐ 328. ☐ 329. ☐ 330. ☐ 331. ☐ 332. ☐ 333. ☐ 334. ☐ 335. ☐ 336. ☐ 337. ☐ 338. ☐ 339. ☐ 340. ☐ 341. ☐ 342. ☐ 343. ☐ 344. ☐ 345. ☐ 346. ☐ 347. ☐ 348. ☐ 349. ☐ 350. ☐ 351. ☐ 352. ☐ 353. ☐ 354. ☐ 355. ☐ 356. ☐ 357. ☐ 358. ☐ 359. ☐ 360. ☐ 361. ☐ 362. ☐ 363. ☐ 364. ☐ 365. ☐ 366. ☐ 367. ☐ 368. ☐ 369. ☐ 370. ☐ 371. ☐ 372. ☐ 373. ☐ 374. ☐ 375. ☐ 376. ☐ 377. ☐ 378. ☐ 379. ☐ 380. ☐ 381. ☐ 382.

FIG. 13_{400h}

04h	crc_length		rom_crc_value	
Bus_info_block				
"1394"				
1rmc	cmc	isc	bmc	reserved
Company_ID		cvc_clk_acc		max_rec
Chip_ID_lo			Chip_ID_hi	
Root_directory				
root_length		CRC		
03h	module_vendor_id			
0Ch	node_capabilities			
80h	node_unique_id_offset			
D1h	unit_directory_offset			
		Optional.		
unit_directory				
unit_directory_length		CRC		
12h	unit_spec_id			
13h	unit_sw_version			
		Optional.		

FIG. 15A

OMPR

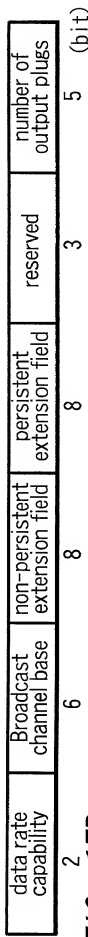


FIG. 15B

OPCR [n]

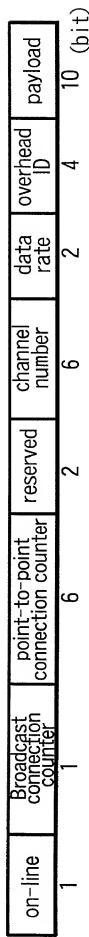


FIG. 15C

IMPR

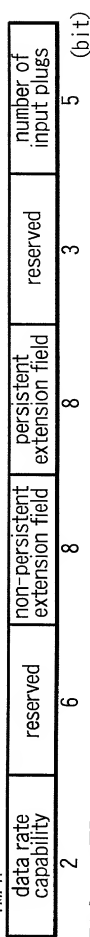


FIG. 15D

IPCR [n]

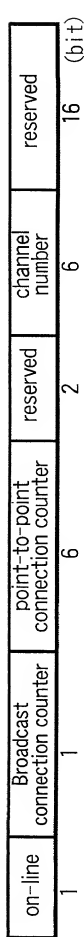


FIG. 16

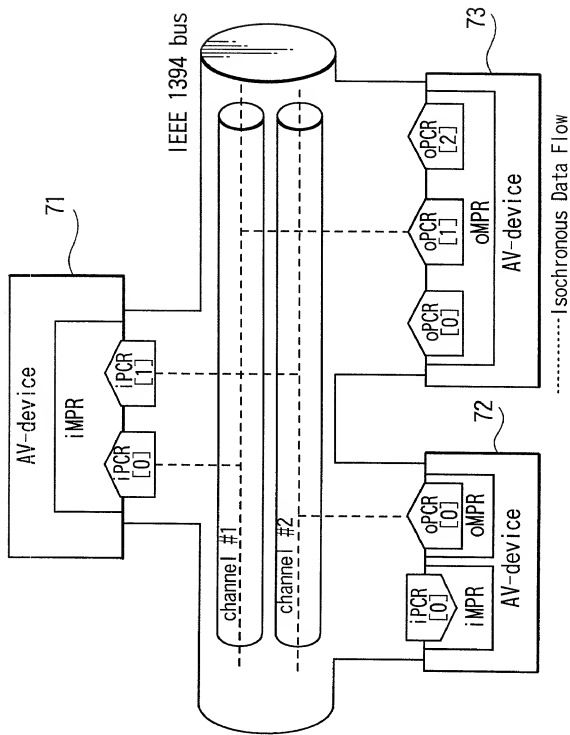


FIG. 17

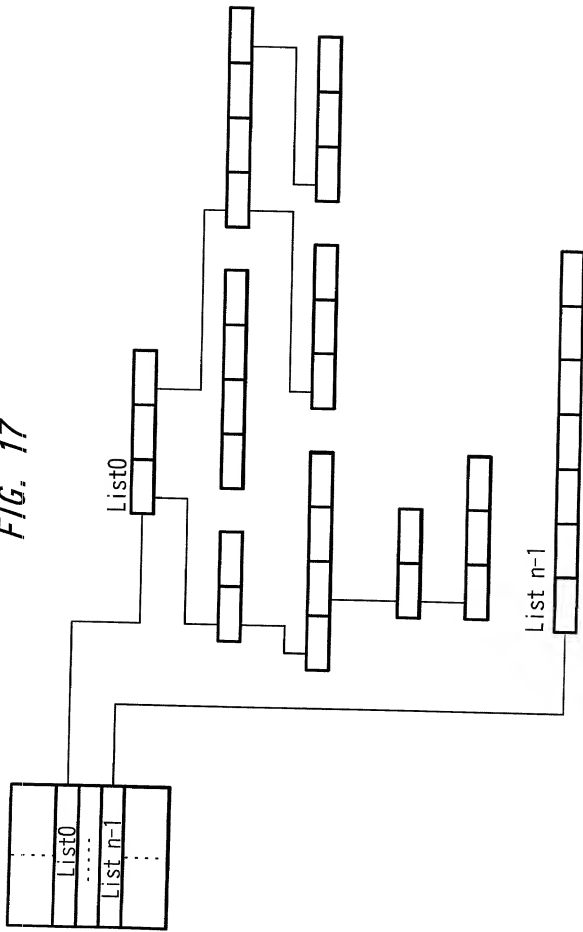


FIG. 18

The General Subunit Identifier Descriptor	
address	contents
00 00 ₁₆	descriptor__length
00 01 ₁₆	
00 02 ₁₆	generation__ID
00 03 ₁₆	size__of__list__ID
00 04 ₁₆	size__of__object__ID
00 05 ₁₆	size__of__object__position
00 06 ₁₆	number__of__root__object__lists(n)
00 07 ₁₆	
00 08 ₁₆	root__object__list__ID_0
:	
:	:
:	root__object__list__ID_n-1
:	
:	subunit__dependent__length
:	
:	subunit__dependent__information
:	
:	manufacturer__dependent__length
:	
:	manufacturer__dependent__information
:	
:	

FIG. 19

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 20

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ -0FFF ₁₆	reserved
1000 ₁₆ -3FFF ₁₆	subunit-type dependent
4000 ₁₆ -FFFF ₁₆	reserved
1 000 ₁₆ -max list ID value	subunit-type dependent

FIG. 21

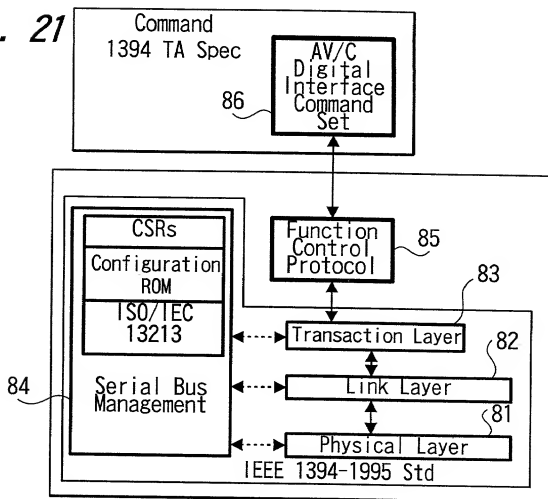


FIG. 22

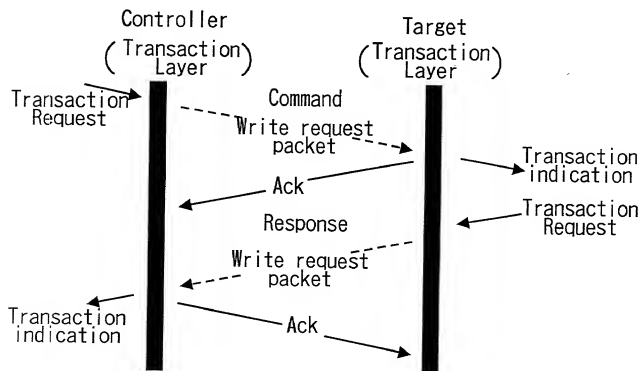


FIG. 23

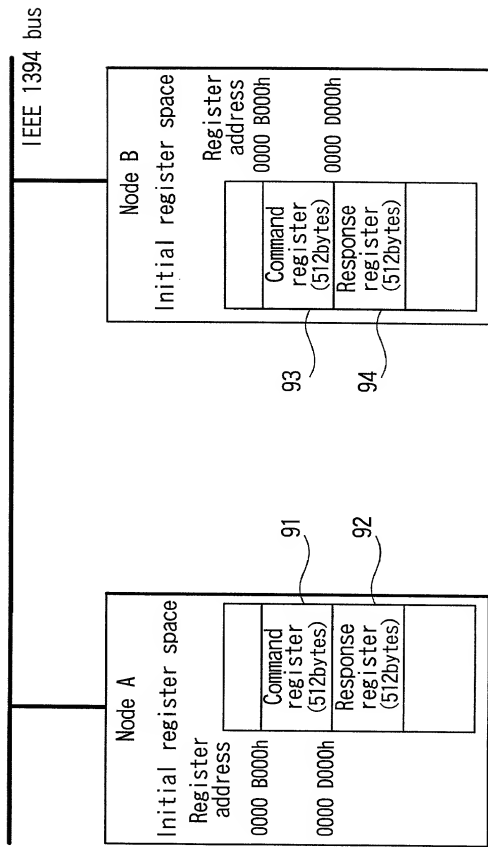


FIG. 25A

ctype/response

Command	0000	CONTROL
	0001	STATUS
	0010	SPECIFIC INQUIRY
	0011	NOTIFY
	0100	GENERAL INQUIRY
	0101	(reserved for future specification)
Response	1000	NOT IMPLEMENTED
	1001	ACCEPTED
	1010	REJECTED
	1011	IN TRANSITION
	1100	IMPLEMENTED/STABLE
	1101	CHANGED
	1110	(reserved for future specification)
	1111	INTERIM

FIG. 25B

subunit_type

00000	Video monitor (reserved)
00000	Disc recorder/Player
00100	Tape recorder/Player
00101	Tuner
00111	Video Camera (reserved)
11100	Vendor unique (reserved)
11101	Subunit type extended to next byte
11110	
11111	Unit*

FIG. 25C

opcode: Operation Code

00h	VENDOR-DEPENDENT
50h	SEARCH MODE
51h	TIMECODE
52h	ATN
60h	OPEN MIC
61h	READ MIC
62h	WRITE MIC
C1h	LOAD MEDIUM
C2h	RECORD
C3h	PLAY
C4h	WIND
?	?

AV/C		tape recorder In The Case of ID0		PLAY		FORWARD	
CTS=0000	control	ctype=0000	subunit type=00100	id=000	opcode=C3h	operand=75h	

FIG. 26A

AV/C		tape recorder In The Case of ID0		PLAY		FORWARD	
CTS=0000	accepted	response=1001	subunit type=00100	id=000	opcode=C3h	operand=75h	

FIG. 26B

FIG. 30

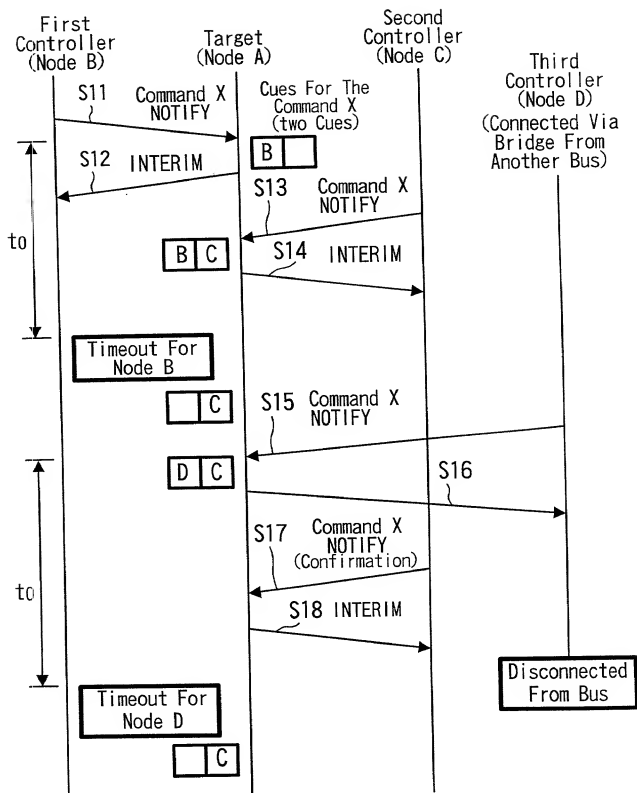


FIG. 31

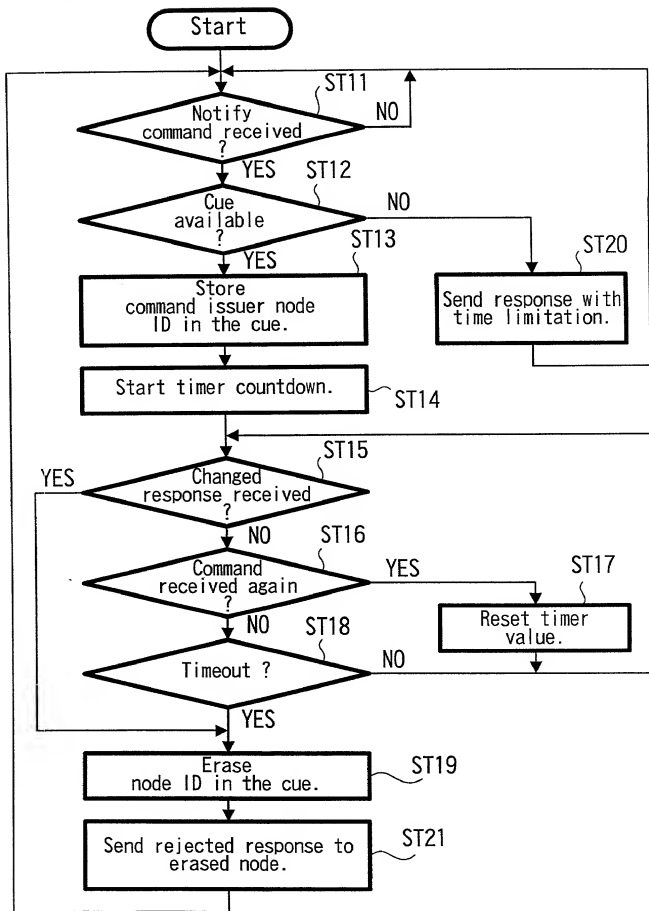


FIG. 32

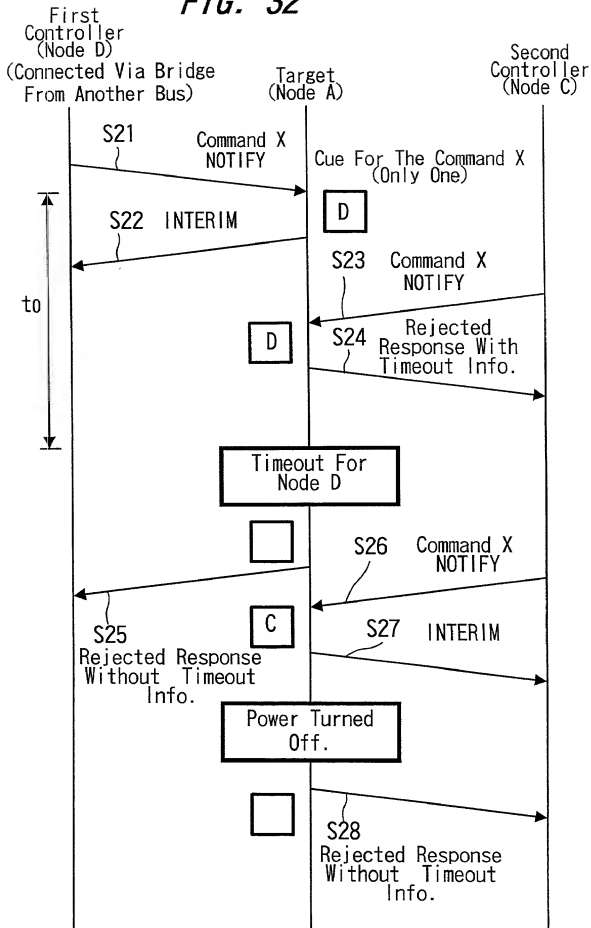


FIG. 33

ctype/response

Command	0000	CONTROL
	0001	STATUS
	0010	SPECIFIC INQUIRY
	0011	NOTIFY
	0100	GENERIC INQUIRY
	0101	(RESERVED)
	0111	(RESERVED)
Response	1000	NOT IMPLEMENTED
	1001	ACCEPTED
	1010	REJECTED
	1011	IN TRANSITION
	1100	IMPLEMENTED/STABLE
	1101	CHANGED
	1110	TIMEOUTTIME
	1111	INTERIM

FIG. 34

